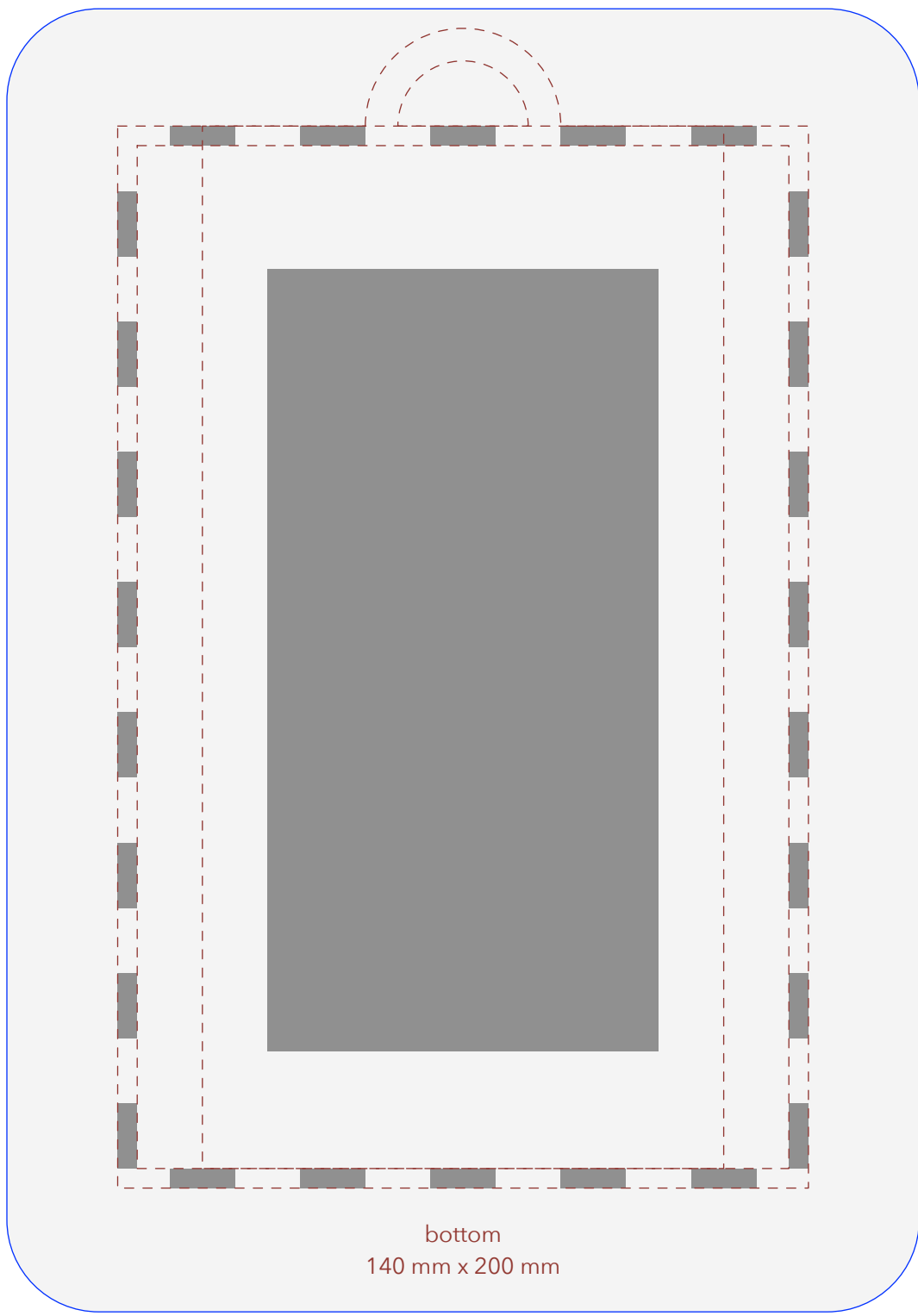
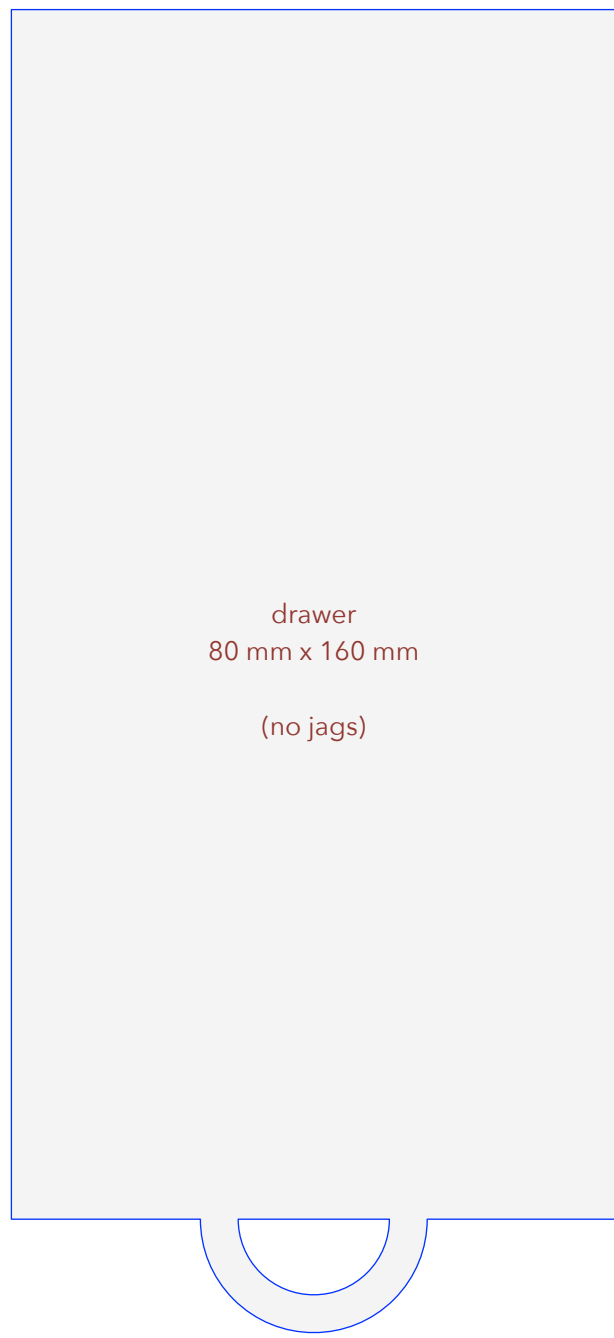
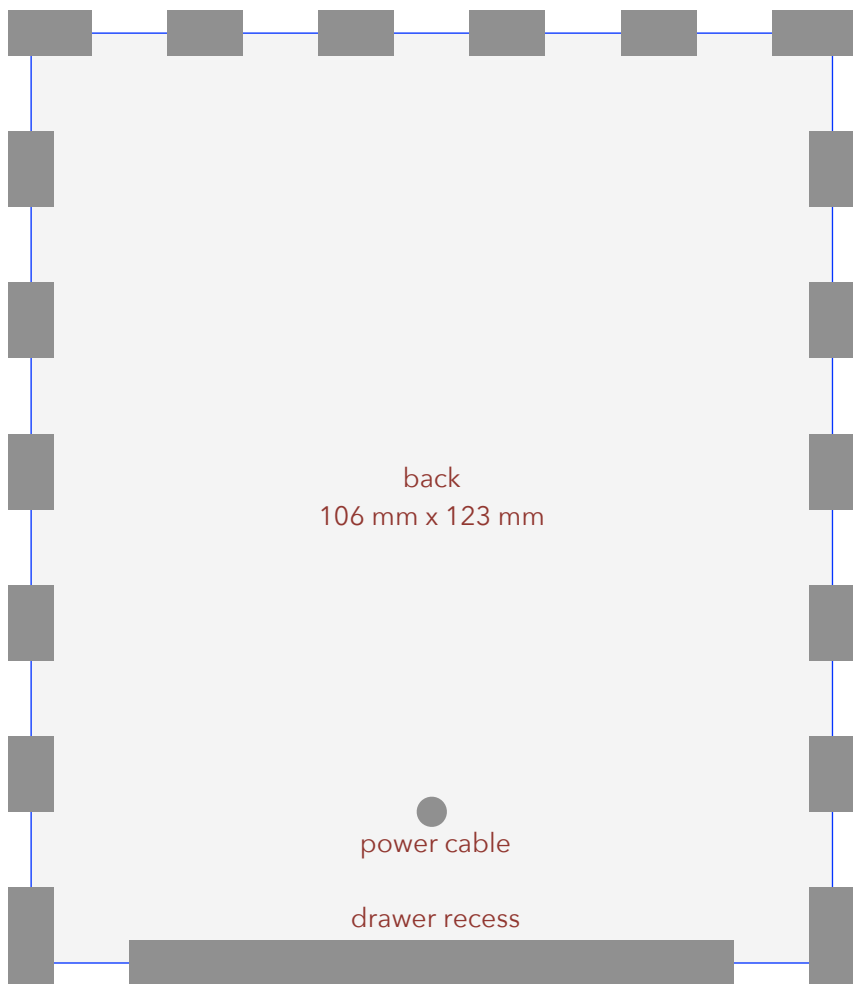
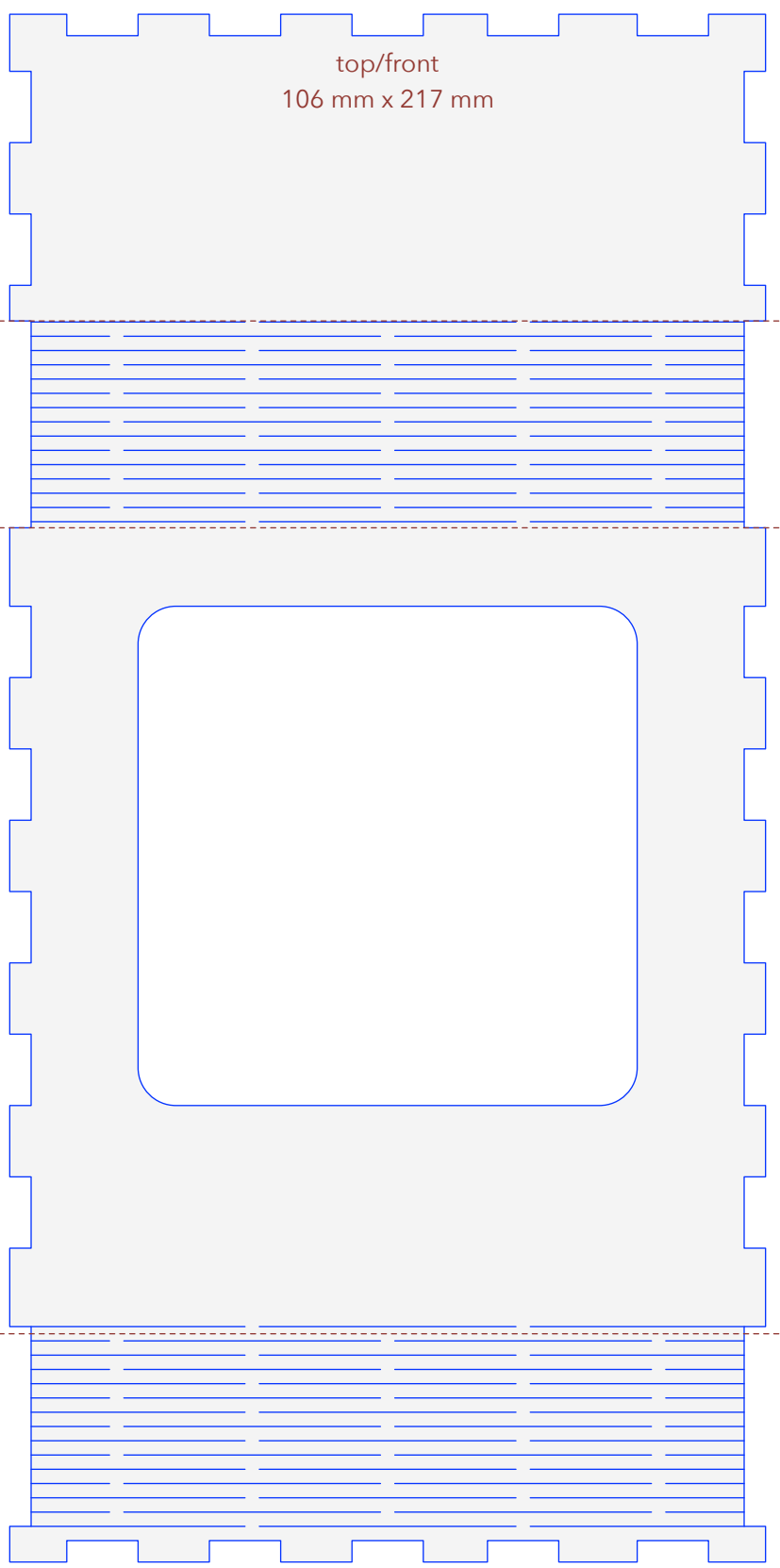
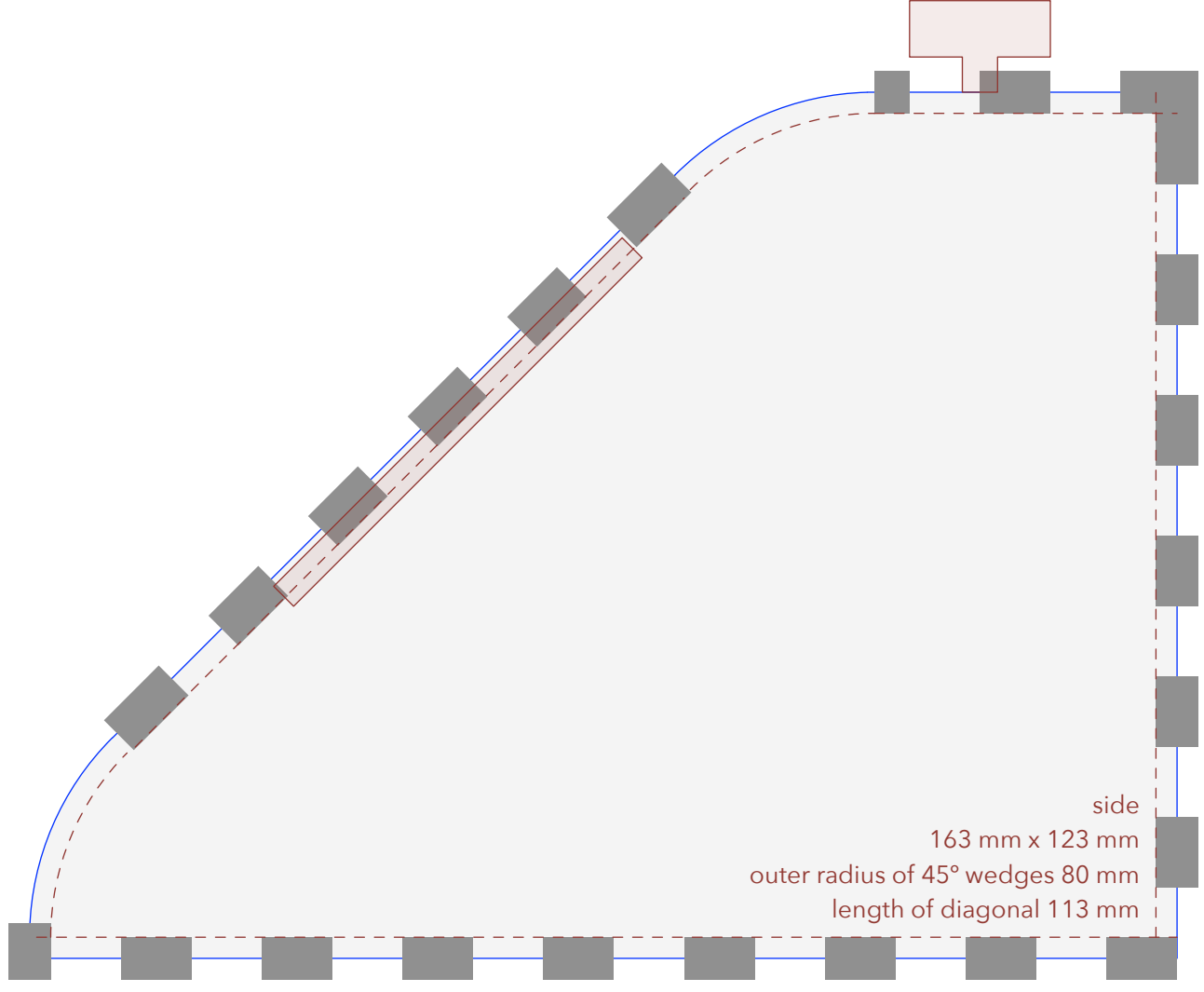


Bending best-practices:  
Use 2 mm vertical and horizontal spacing between slits.  
Use approximate length of 40 mm for slits.  
Use the inner radius of the curve for calculating the length of the material on top

top/front total length (assumption: the bend becomes longer):  
 $w_{top} = 43$   
 $r_{wedge\_inner} = 40 : 3 = 37$   
 $L_{wedge\_inner} = (2 \cdot \pi \cdot r_{wedge}) / 8 = 29$   
 $w_{both\_wedges} = 40$   
 $w_{total} = 163$   
 $w_{diag} = w_{total} - w_{both\_wedges} - w_{top} = 80$   
 $L_{diag} = \sqrt{2} \cdot w_{diag} \wedge 2 = 113$   
 $L_{total} = 2 \cdot L_{wedge\_inner} + L_{diag} + w_{top} + 3 = 217$



add kerf compensation to jags  
add other side, TR logo, matrix front, holder for matrix, hole for matrix, hole for encoder

to finish:  
copy, remove info layer, remove everything red, **remove all fills**